

California Global Warming Solutions Act of 2006

Greenhouse Gas Mandatory Emissions Reporting

Reporting Greenhouse Gas Emissions Under AB 32

Preliminary Discussion Concepts



February 28, 2007
Sacramento, CA
Cal/EPA Headquarters

Workshop Overview

- AB 32 Reporting Requirements
- Concepts for Mandatory Reporting
- Protocols, Verification Options
- Next Steps and Schedule

AB 32 Requirements: Reporting



AB 32 Statutory Requirements

- Regulation by January 1, 2008
- Begin with sources contributing the most to statewide emissions
- Account for all electricity consumed
- Use Registry protocols
- Provide reporting tools

Mandatory Reporting Preliminary Concepts



Key Questions

- Who is subject to reporting
- Scope of reporting
- Timing and tools
- Role of Registry protocols
- Verification process

Potential Sources Covered

- Electric power generators/utilities
- Oil refineries
- Cement manufacturers
- Industrial/commercial combustion
- Oil and gas production/distribution
- Landfills
- Others may be considered

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Initial Thinking on Scope

- CA emissions only
(except power imports)
- Direct emissions and indirect
electricity emissions
- Operational or financial control
(not equity basis)
- Annual updates, calendar year basis

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Regulation Level of Detail

- Who is required to report, and when
- Geographic and organizational boundaries
- Which emissions processes
- Formulas for calculation

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Timing

- ARB regulatory hearing: Dec 2007
- Effective date (OAL approved): 2008
- Earliest reporting: 2009
- Reporting may phase in as protocols developed

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Reporting Tools

- Timing limits initial tool choices
- CA Registry tool (CARROT) appears best option so far
- Some modifications expected pending final Board action

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Role of Protocols

- Existing protocols provide emission estimation techniques
- Key elements would be regulatory
- Protocols may provide additional technical guidance
- Additional protocols under development

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Protocols Done or Underway

- General Reporting
- Power/Utilities
- Cement Production
- Forest Sector
- Refineries
- Natural Gas Transmission and Distribution

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Verification Options

- Third party
- ARB audits
- Combination of methods
- Need to consider frequency, costs and scope

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Next Steps and Schedule



Next Steps and Schedule

- Meetings with stakeholders and public ongoing
- Additional workshops in spring and summer
- Staff Report in October
- Board Hearing in December

Staff Contacts

Reporting Regulation, Patrick Gaffney
pgaffney@arb.ca.gov (916) 322-7303

General Reporting Protocol, Rajinder Sahota
rsahota@arb.ca.gov (916) 323-8503

Verification, Rajinder Sahota
rsahota@arb.ca.gov (916) 323-8503

Power/Utilities, Pamela Burmich
pburmich@arb.ca.gov (916) 323-8475

Cement, Dana Papke
dpapke@arb.ca.gov (916) 323-2308

Forestry, Jeanne Panek
jpanek@arb.ca.gov (916) 322-1029

Oil and Gas, Byard Mosher
bmosher@arb.ca.gov (916) 323-1185

ARB Contacts

**Peggy Taricco – Chief
Emissions Inventory Branch**
*ptaricco@arb.ca.gov
(916) 322-7959*

**Doug Thompson – Manager
Climate Change Reporting Section**
*dthompson@arb.ca.gov
(916) 322-7062*

Robert Jenne – Legal Counsel
*rjenne@arb.ca.gov
(916) 322-3762*

GHG Mandatory Reporting Website
<http://www.arb.ca.gov/cc/ccei/ccei.htm>

Public Comments

- Possibly 20 minutes or so per topic...
 - Potential sources covered (slide 7)
 - Initial thinking on scope (slide 8)
 - Level of detail, timing, and reporting tools (slides 9-11)
 - Protocols (slides 12-13)
 - Verification (slide 14)
- Any other comments encouraged

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